

Reader's Guide

ANALYSIS OF VARIANCE

Analysis of Covariance (ANCOVA)
Analysis of Variance (ANOVA)
Main Effect
Model I ANOVA
Model II ANOVA
Model III ANOVA
One-Way ANOVA
Two-Way ANOVA

ASSOCIATION AND CORRELATION

Association
Association Model
Asymmetric Measures
Biserial Correlation
Canonical Correlation Analysis
Correlation
Correspondence Analysis
Intraclass Correlation
Multiple Correlation
Part Correlation
Partial Correlation
Pearson's Correlation
 Coefficient
Semipartial Correlation
Simple Correlation (Regression)
Spearman Correlation Coefficient
Strength of Association
Symmetric Measures

BASIC QUALITATIVE RESEARCH

Autobiography
Life History Method
Life Story Interview
Qualitative Content Analysis
Qualitative Data Management
Qualitative Research

Quantitative and Qualitative Research,
 Debate About
Secondary Analysis of Qualitative Data

BASIC STATISTICS

Alternative Hypothesis
Average
Bar Graph
Bell-Shaped Curve
Bimodal
Case
Causal Modeling
Cell
Covariance
Cumulative Frequency Polygon
Data
Dependent Variable
Dispersion
Exploratory Data Analysis
F Ratio
Frequency Distribution
Histogram
Hypothesis
Independent Variable
Median
Measures of Central Tendency
N(*n*)
Null Hypothesis
Pie Chart
Regression
Standard Deviation
Statistic
t-Test
 \bar{X}
Y Variable
z-Test

CAUSAL MODELING

Causality
Dependent Variable

Effects Coefficient
 Endogenous Variable
 Exogenous Variable
 Independent Variable
 Path Analysis
 Structural Equation Modeling

DISCOURSE/CONVERSATION ANALYSIS

Accounts
 Conversation Analysis
 Critical Discourse Analysis
 Deviant Case Analysis
 Discourse Analysis
 Foucauldian Discourse Analysis
 Interpretative Repertoire
 Proof Procedure

ECONOMETRICS

ARIMA
 Cointegration
 Durbin-Watson Statistic
 Econometrics
 Fixed Effects Model
 Mixed-Effects Model
 Panel
 Panel Data Analysis
 Random-Effects Model
 Selection Bias
 Serial Correlation (Regression)
 Time-Series Cross-Section (TSCS) Models
 Time-Series Data (Analysis/Design)
 Tobit Analysis

EPISTEMOLOGY

Constructionism, Social
 Epistemology
 Idealism
 Interpretivism
 Laws in Social Science
 Logical Positivism
 Methodological Holism
 Naturalism
 Objectivism
 Positivism

ETHNOGRAPHY

Autoethnography
 Case Study
 Creative Analytical Practice (CAP) Ethnography

Critical Ethnography
 Ethnographic Content Analysis
 Ethnographic Realism
 Ethnographic Tales
 Ethnography
 Participant Observation

EVALUATION

Applied Qualitative Research
 Applied Research
 Evaluation Research
 Experiment
 Heuristic Inquiry
 Impact Assessment
 Qualitative Evaluation
 Randomized Control Trial

EVENT HISTORY ANALYSIS

Censoring and Truncation
 Event History Analysis
 Hazard Rate
 Survival Analysis
 Transition Rate

EXPERIMENTAL DESIGN

Experiment
 Experimenter Expectancy Effect
 External Validity
 Field Experimentation
 Hawthorne Effect
 Internal Validity
 Laboratory Experiment
 Milgram Experiments
 Quasi-Experiment

FACTOR ANALYSIS AND RELATED TECHNIQUES

Cluster Analysis
 Commonality Analysis
 Confirmatory Factor Analysis
 Correspondence Analysis
 Eigenvalue
 Exploratory Factor Analysis
 Factor Analysis
 Oblique Rotation
 Principal Components Analysis
 Rotated Factor

Rotations
Varimax Rotation

FEMINIST METHODOLOGY

Feminist Ethnography
Feminist Research
Gender Issues
Standpoint Epistemology

GENERALIZED LINEAR MODELS

General Linear Models
Generalized Linear Models
Link Function
Logistic Regression
Logit
Logit Model
Poisson Regression
Probit Analysis

HISTORICAL/COMPARATIVE

Comparative Method
Comparative Research
Documents, Types of
Emic/Etic Distinction
Historical Methods
Oral History

INTERVIEWING IN QUALITATIVE RESEARCH

Biographic Narrative Interpretive Method (BNIM)
Dependent Interviewing
Informant Interviewing
Interviewing in Qualitative Research
Narrative Interviewing
Semistructured Interview
Unstructured Interview

LATENT VARIABLE MODEL

Confirmatory Factor Analysis
Item Response Theory
Factor Analysis
Latent Budget Analysis
Latent Class Analysis
Latent Markov Model
Latent Profile Model

Latent Trait Models
Latent Variable
Local Independence
Nonparametric Random-Effects Model
Structural Equation Modeling

LIFE HISTORY/BIOGRAPHY

Autobiography
Biographic Narrative Interpretive Method (BNIM)
Interpretive Biography
Life History Method
Life Story Interview
Narrative Analysis
Psychoanalytic Methods

LOG-LINEAR MODELS (CATEGORICAL DEPENDENT VARIABLES)

Association Model
Categorical Data Analysis
Contingency Table
Expected Frequency
Goodness-of-Fit Measures
Log-Linear Model
Marginal Model
Marginals
Mobility Table
Odds Ratio
Saturated Model
Sparse Table

LONGITUDINAL ANALYSIS

Cohort Analysis
Longitudinal Research
Panel
Period Effects
Time-Series Data (Analysis/Design)

MATHEMATICS AND FORMAL MODELS

Algorithm
Assumptions
Basic Research
Catastrophe Theory
Chaos Theory
Distribution
Fuzzy Set Theory
Game Theory

MEASUREMENT LEVEL

Attribute
 Binary
 Categorical
 Continuous Variable
 Dichotomous Variables
 Discrete
 Interval
 Level of Measurement
 Metric Variable
 Nominal Variable
 Ordinal Measure

MEASUREMENT TESTING AND CLASSIFICATION

Conceptualization, Operationalization, and Measurement
 Generalizability Theory
 Item Response Theory
 Likert Scale
 Multiple-Indicator Measures
 Summated Rating Scale

MULTILEVEL ANALYSIS

Contextual Effects
 Dependent Observations
 Fixed Effects Model
 Mixed-Effects Model
 Multilevel Analysis
 Nonparametric Random-Effects Model
 Random-Coefficient Model
 Random-Effects Model

MULTIPLE REGRESSION

Adjusted *R*-Squared
 Best Linear Unbiased Estimator
 Beta
 Generalized Least Squares
 Heteroskedasticity
 Interaction Effect
 Misspecification
 Multicollinearity
 Multiple Regression Analysis
 Nonadditive
R-Squared
 Regression
 Regression Diagnostics

Specification
 Standard Error of the Estimate

QUALITATIVE DATA ANALYSIS

Analytic Induction
 CAQDAS
 Constant Comparison
 Grounded Theory
 In Vivo Coding
 Memos, Memoing
 Negative Case
 Qualitative Content Analysis

SAMPLING IN QUALITATIVE RESEARCH

Purposive Sampling
 Sampling in Qualitative Research
 Snowball Sampling
 Theoretical Sampling

SAMPLING IN SURVEYS

Multistage Sampling
 Quota Sampling
 Random Sampling
 Representative Sample
 Sampling
 Sampling Error
 Stratified Sampling
 Systematic Sampling

SCALING

Attitude Measurement
 Bipolar Scale
 Dimension
 Dual Scaling
 Guttman Scaling
 Index
 Likert Scale
 Multidimensional Scaling (MDS)
 Optimal Scaling
 Scale
 Scaling
 Semantic Differential Scale
 Thurstone Scaling

SIGNIFICANCE TESTING

Alpha, Significance Level of a Test
 Confidence Interval

Level of Significance
One-Tailed Test
Power of a Test
Significance Level
Significance Testing
Statistical Power
Statistical Significance
Substantive Significance
Two-Tailed Test

SIMPLE REGRESSION

Coefficient of Determination
Constant
Intercept
Least Squares
Linear Regression
Ordinary Least Squares
Regression on . . .
Regression
Scatterplot
Slope
Y-Intercept

SURVEY DESIGN

Computer-Assisted Personal
Interviewing
Internet Surveys

Interviewing
Mail Questionnaire
Secondary Analysis
of Survey Data
Structured Interview
Survey
Telephone Survey

TIME SERIES

ARIMA
Box-Jenkins Modeling
Cointegration
Detrending
Durbin-Watson Statistic
Error Correction Models
Forecasting
Granger Causality
Interrupted Time-Series Design
Intervention Analysis
Lag Structure
Moving Average
Periodicity
Serial Correlation
Spectral Analysis
Time-Series Cross-Section (TSCS)
Models
Time-Series Data (Analysis/Design)
Trend Analysis